



(19)

(11) Publication number:

01

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: 08008943

(51) Int'l. Cl.: A01N 65/00

(22) Application date: 23.01.96

(30) Priority:

(43) Date of application publication: 29.07.97

(84) Designated contracting states:

(71) Applicant: SUMITOMO CHEM CC

(72) Inventor: TANIGUCHI EIJI
SUGANO MASAYO
KATAYAMA YASUYUK
WATANABE KEISUKE

(74) Representative:

**(54) AGENT FOR
CONTROLLING HOUSE
DUST MITE**

(57) Abstract:

PROBLEM TO BE SOLVED: To produce an agent for controlling house dust mite with excellent mite controlling effect by clathrating an extract of Haedokuso (phryma leptostachya ssp. asiatica) to form a specific clathrate and using the clathrate as an active component.

SOLUTION: A compound produced by clathrating a Haedokuso extract with a cyclodextrin is used as the objective agent. The Haedokuso extract can be produced e.g. by extracting the whole plant of Haedokuso, preferably raw or dried root with an organic solvent and concentrating the product. The clathration of the extract with cyclodextrin is carried out by adding Haedokuso extract to a saturated aqueous solution of cyclodextrin,

stirring the mixture and collecting the precipitate. The controlling agent for house dust mite is effective for the control of mites such as *Dermatophagoides farinae*, *Tyrophagus dimidiatus*, *Glycyphagus privatus* Oudemans, *Cheyletus malaccensis* Oudemans, etc., and is used e.g. by scattering to Tatami mat (rush mat), carpet, mattress, sofa, quilt, closet, warehouse, etc.

COPYRIGHT: (C)1997,JPO